

I Claim:

1. An anchored anti-rotation analog post for preparing dental crown for insertion into the mouth of patient,
5 said analog post comprising:
an elongated pin having opposite top and bottom ends;
said pin having at least one anti-rotation anchoring projection extending discretely and radially from said pin near said bottom end thereof.
- 10 2. The device of claim 1 wherein said pin has a circular cross-section.
3. The device of claim 1 wherein said pin has an elliptical cross-section.
4. The device of claim 1 wherein said pin has a polygonal
15 cross-section.
5. The device of claim 4 wherein said pin has a triangular cross-section.
6. The device of claim 4 wherein said pin has a square cross-section.
- 20 7. The device of claim 4 wherein said pin has a rectangular cross-section.
8. The device of claim 4 wherein said pin has a hexagonal cross-section.

9. The device of Claim 1 wherein said at least one anchoring projection comprises a pair of opposing radially extending projections.

10. The device of Claim 1 wherein said at least one
5 anchoring projection comprises at least two pairs of opposing radially extending projections.

11. The device of Claim 9 wherein said at least two pairs
of said opposing radially extending projections are
spaced apart longitudinally on said pin near said
10 bottom end thereof.

12. The device of Claim 9 wherein said at least one pair
of opposing radially extending anchoring projections
comprises rigid loops.

13. The device of Claim 9 wherein said at least one pair
of opposing radially extending anchoring projections
comprises rigid rods.
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14. The device of Claim 9 wherein said at least one pair
of opposing radially extending anchoring projections
comprises rigid plates having a center slot, said
20 center slot disposed in a matching slot disposed in
the lower end of said pin, said lower-end pin slots
for receiving and securing said rigid plates.

15. The device of Claim 9 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid serrated barbs.

16. The device of Claim 15 wherein said barbs are tapered to have a smaller radial extension toward the lower end of said pin.

17. The device of Claim 15 wherein said barbs are tapered to have a smaller radial extension toward the upper end of said pin.

18. The device of Claim 10 wherein said at least two pairs of said opposing radially extending projections are spaced apart longitudinally on said pin near said bottom end thereof.

19. The device of Claim 10 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid loops.

20. The device of Claim 10 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid rods.

21. The device of Claim 10 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid plates having a center slot, said center slot disposed in a matching slot disposed in

the lower end of said pin, said lower-end pin slots
for receiving and securing said rigid plates.

22. The device of Claim 10 wherein said at least one pair
of opposing radially extending anchoring projections
comprises rigid serrated barbs.

23. The device of Claim 22 wherein said barbs are tapered
to have a smaller radial extension toward the lower
end of said pin.

24. The device of Claim 22 wherein said barbs are tapered
to have a smaller radial extension toward the upper
end of said pin.

25. The device of claim 9 wherein said pin comprises a
receptacle sleeve for securely receiving a
conventional dental crown analog post.

26. The device of claim 10 wherein said pin comprises a
receptacle sleeve for securely receiving a
conventional dental crown analog post.

27. A method of preparing dental crowns efficiently and
accurately, comprising the steps of
a. preparing an analog dental crown mounting pin
having at least one pair of radially extending

anchoring extensions disposed near a bottom end
of said pin;

- b. inserting bottom-end-down said prepared mounting
pin into a dental crown casting mold;
- 5 c. securing said prepared mounting pin temporarily
in place within said casting mold;
- d. adding settable plastic molding material to said
casting mold so as to embed said bottom end of
said pin by surrounding said bottom end of said
10 pin with said plastic molding material;
- e. allowing said plastic molding material to set and
harden with said prepared pin embedded within
said molding material;
- f. proceeding with conventional steps in dental
15 crown-making based upon utilization of said
firmly anchored and secured analog pin.

28. The method of claim 27 wherein said pin comprises at
least one pair of anchoring projections oppositely and
20 radially extending from a bottom end of said pin.

29. The method of claim 27 wherein said pin comprises at
least two pairs of anchoring projections oppositely
and radially extending from a bottom end of said pin
and wherein said at least two pairs of said

projections are spaced apart longitudinally on said pin near said bottom end thereof.

30. The method of claim 28 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid loops.

31. The method of claim 28 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid rods.

32. The method of claim 28 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid plates having a center slot, said center slot disposed in a matching slot disposed in the lower end of said pin, said lower-end pin slots for receiving and securing said rigid plates.

33. The method of claim 28 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid serrated barbs.

34. The method of Claim 33 wherein said barbs are tapered to have a smaller radial extension toward the lower end of said pin.

35. The method of Claim 33 wherein said barbs are tapered to have a smaller radial extension toward the upper end of said pin.

36. The method of claim 29 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid loops.

37. The method of claim 29 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid rods.

38. The method of claim 29 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid plates having a center slot, said center slot disposed in a matching slot disposed in the lower end of said pin, said lower-end pin slots for receiving and securing said rigid plates.

39. The method of claim 29 wherein said at least one pair of opposing radially extending anchoring projections comprises rigid serrated barbs.

40. The method of Claim 39 wherein said barbs are tapered to have a smaller radial extension toward the lower end of said pin.

41. The method of Claim 39 wherein said barbs are tapered to have a smaller radial extension toward the upper end of said pin.